



Sheet 1 of 1

FORM PTO-449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:  
JB01603K3 USSERIAL NO.:  
10/736,769INFORMATION DISCLOSURE STATEMENT  
FOR PATENT

(Use several sheets if necessary)

APPLICANT:  
Altmann et al.FILING DATE:  
December 16, 2003GROUP:  
To be assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					

## FOREIGN PATENT DOCUMENTS

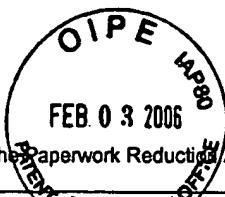
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO
SWL	AC WO 2004/32716 A2	Apr. 22, 2004	WIPO	A61B			
	AD						
	AE						
	AF						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SWL	AG	Erickson et al., "Studies on neuronal death in the mouse model of Niemann-Pick C disease." J. Neurosci. Res. 2002 Jun 15;68(6):738-44.
	AH	Erickson et al., "mdr1a deficiency corrects sterility in Niemann-Pick C1 protein deficient female mice." Mol. Reprod. Dev. 2002 Jun;62(2):167-73.
	AI	Altmann et al., "Niemann-Pick C1 Like 1 protein is critical for intestinal cholesterol absorption." Science. 2004 Feb 20;303(5661):1201-4.
	AJ	Erickson et al., "Pharmacological and genetic modifications of somatic cholesterol do not substantially alter the course of CNS disease in Niemann-Pick C mice." J. Inherit. Metab. Dis. 2000 Feb;23(1):54-62.
SWL	AK	International Search Report for International Application No. PCT/US03/40113.
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SUBSTITUTE FOR FORM 149/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (USE AS MANY SHEETS AS NECESSARY)		ATTY. DOCKET NO.: JB01603K3 US	SERIAL NO.: 10/736,769
		APPLICANT: Altmann et al.	
		FILING DATE: December 16, 2003	GROUP: 1645

*EXAMINER INITIAL	CITE NO. <sup>1</sup>	DOCUMENT NUMBER	PUB. DATE.	NAME OF PATENTEE OR APPLICANT	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>SWL</i>		US 2004/0093629	05/13/04	Altmann et al.	
<i>SWL</i>		US 2004/0137467	07/15/04	Altmann et al.	
<i>SWL</i>		US 2004/0132058	07/08/04	Altmann et al.	

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*EXAMINER INITIAL	CITE NO. <sup>1</sup>	DOCUMENT Country code <sup>3</sup> -number <sup>4</sup> -kind code <sup>5</sup> (if known)	PUB. DATE.	NAME OF PATENTEE OR APPLICANT	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

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SUBSTITUTE FOR FORM 1449/PTO		ATTY. DOCKET NO.: JB01603K3 US	SERIAL NO.: 10/736,769
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICANT: <i>Altmann et al.</i>	
(USE AS MANY SHEETS AS NECESSARY)		FILING DATE: December 16, 2003	GROUP: 1645
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
Examiner initials*	Cite no. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
<i>swl</i>		International Search Report for International Application NO. PCT/US03/22467	
		MGI web page "gene detail" of the NPC1L1 gene	
		Altmann et al., "Niemann-Pick C1 Like 1 protein is critical for intestinal cholesterol absorption." Science. 2004 Feb 20;303(5661):1201-4.	
<i>swl</i>		Davies et al., Inactivation of NPC1L1 causes multiple lipid transport defects and protects against diet-induced hypercholesterolemia. J. Biol. Chem. 2005 Apr 1;280(13):12710-20	
Examiner signature:		Date considered:	
		<i>4/11/06</i>	

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Sheet 1 of 3

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U.S. PATENT DOCUMENTS

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<i>SwL</i>	AA US RE37,721 E	05/28/02	Rosenblum et al.	514	210	
	AB 5,306,817	04/26/94	Thiruvengadam et al.	540	200	
	AC 5,561,227	10/01/96	Thiruvengadam et al.	540	200	
	AD 5,618,707	04/08/97	Homann et al.	435	146	
	AE 5,624,920	04/29/97	McKittrick et al.	514	210	
	AF 5,631,365	05/20/97	Rosenblum et al.	540	200	
	AG 5,656,624	08/12/97	Vaccaro et al.	540	210	
	AH 5,627,176	05/06/97	Kirkup et al.	514	210	
	AI 5,633,246	05/27/97	McKittrick et al.	514	210	
	AJ 5,661,145	08/26/97	Davis	514	210	
	AK 5,688,785	11/18/97	Vaccaro	514	210	
	AL 5,688,787	11/18/97	Burnett et al.	514	210	
	AM 5,688,990	11/18/97	Shankar	560	39	
	AN 5,698,548	12/16/97	Dugar et al.	514	210	
	AO 5,728,827	03/17/98	Thiruvengadam et al.	540	200	
	AP 5,739,321	04/14/98	Wu et al.	540	200	
	AQ 5,744,467	04/28/98	McKittrick et al.	514	210	
	AR 5,756,470	05/26/98	Yumibe et al.	514	25	
	AS 5,767,115	06/16/98	Rosenblum et al.	514	210	
	AT 5,846,966	12/08/98	Rosenblum et al.	514	210	
	AU 5,856,473	01/05/99	Shankar	540	200	
	AV 5,886,171	03/23/99	Wu et al.	540	200	
	AW 5,919,672	07/06/99	Homann et al.	435	121	
	AX 6,093,812	07/25/00	Thiruvengadam et al.	540	200	
	AY 6,096,883	08/01/00	Wu et al.	540	200	
	AZ 6,133,001	10/17/00	Homann et al.	435	121	
	BA 6,207,822	03/27/01	Thiruvengadam et al.	540	200	
	BB 6,627,757	09/30/03	Fu et al.	546	272.4	
	BC 6,632,933	10/14/03	Altmann et al.	536	17.4	
<i>SwL</i>	BD 6,593,078	07/15/03	Altmann et al.	435	4	

FOREIGN PATENT DOCUMENTS

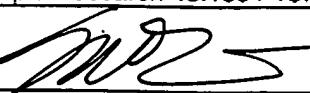
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							YES	NO
<i>SwL</i>	BE	WO 01/70974	09/27/01	WIPO	C12N	15/12	Abstr.	
<i>SwL</i>	BF	WO 01/57190	08/09/01	WIPO	C12N			

*SwL*

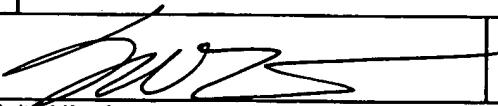
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<i>SWL</i>	BG	WO 03/100094	12/04/03	WIPO	C12Q	1/68		
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	BI	WO 00/34240	06/15/00	WIPO	C07D	205/08		
	BJ	WO 00/60107	10/12/00	WIPO	C12P	17/10		
	BK	WO2004/014947 A1	02/19/04	WIPO	C07K	14/47		
	BL	WO 00/63703	10/26/00	WIPO	G01N	33/92		
	BM	WO 02/079174	10/10/02	WIPO	C07D	263/00		
	BN	WO 00/63703	10/26/00	WIPO	G01N	33/92		
<i>SWL</i>	BO	WO 01/75067	10/11/01	WIPO	C12N			
	BP							

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

<i>SWL</i>	BQ	Minhas, "Current Progress in Lipid Therapy" Br. J. Cardiology 10(1): 59-68 (2003)
	BR	Abstracts 1-79 from "The International Conference on Niemann-Pick Type C Disease"; May 29-31, 2003; Tuscon, Arizona.
	BS	Carstea <i>et al.</i> , "Niemann-Pick C1 disease gene: homology to mediators of cholesterol homeostasis" Science 277:228-231 (1997).
	BT	Polypeptide Sequence ABG22693 disclosed in WO 01/75067.
	BU	Genbank Sequence Disclosure; Accession No. AF192522.
	BV	Genbank Sequence Disclosure; Accessión Nö. AF002020.
	BW	Davies <i>et al.</i> , "Evidence for a Niemann-pick C (NPC) gene family: identification and characterization of NPC1L1" Genomics 65(2): 137-145 (2000).
	BX	Ioannou <i>et al.</i> , "The structure and function of the Niemann-Pick C1 protein." Mol. Genet. Metab. 71(1-2): 175-181 (2000).
	BY	Genbank Sequence Disclosure, Accession No. AK078947.
	BZ	Altmann <i>et al.</i> , "The identification of intestinal scavenger receptor class B, type I (SR-BI) by expression cloning and its role in cholesterol absorption." Biochim. Biophys. ACTA 1580: 77-93 (2002).
	CA	DeNinno <i>et al.</i> , "Steroidal glycoside cholesterol absorption inhibitors" J. Med. Chem. 40(16):2547-2554 (1997).
	CB	Kramer, <i>et al.</i> , "Characterization and identification of the intestinal cholesterol uptake system" Falk Symposium 129, Bile Acids: From Genomics to Disease and Therapy, 147-160 (2003).
	CC	Amigo <i>et al.</i> , "Relevance of Niemann-Pick Type C1 Protein Expression in Controlling Plasma Cholesterol and Biliary Lipid Secretion in Mice" Hepatology 36(4): 819-828 (2002).
<i>SWL</i>	CD	Repa, <i>et al.</i> , "Inhibition of cholesterol absorption by SCH 58053 in the mouse is not mediated via changes in the expression of mRNA for ABCA1, ABCG5, or ABCG8 in the enterocyte". Journal of Lipid Research 43:1864-1874 (2002).
EXAMINER		DATE CONSIDERED
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OTHER DOCUMENTS ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )		
<i>ScwL</i>	CE	Hauser <i>et al.</i> , "Identification of a Receptor Mediating Absorption of Dietary Cholesterol in the Intestine" Biochemistry 37(51): 17843-17850 (1998).
	CF	Acton <i>et al.</i> , "Expression Cloning of SR-BI, a CD36-related Class B Scavenger Receptor" The Journal of Biological Chemistry 269(33): 21003-21009 (1994).
	CG	Hernandez <i>et al.</i> , "Intestinal absorption of cholesterol is mediated by a saturable, inhibitable transporter" Biochimica et Biophysica Acta 1486: 232-242 (2000).
	CH	Detmers <i>et al.</i> , "A target for cholesterol absorption inhibitors in the enterocyte brush border membrane" Biochimica et Biophysica Acta 1486: 243-252 (2000).
	CI	Smart <i>et al.</i> , "Annexin 2-caveolin 1 complex is a target of ezetimibe and regulates intestinal cholesterol transport" Proc. Natl. Acad. Sci. 101(10):3450-3455 (2004).
	CJ	Dawson <i>et al.</i> , "Intestinal cholesterol absorption" Curr Opin Lipidol. 10(4):315-320 (1999).
	CK	Allayee <i>et al.</i> , "Biochemistry. An absorbing study of cholesterol" Biochemistry. An absorbing study of cholesterol. Science. 290(5497):1709-1711 (2000).
	CL	Berge <i>et al.</i> , "Accumulation of dietary cholesterol in sitosterolemia caused by mutations in adjacent ABC transporters" Science 290(5497):1771-1775 (2000).
	CM	Jourdheuil-Rahmani <i>et al.</i> , "Biliary anionic peptide fraction and apoA-I regulate intestinal cholesterol uptake" Biochem Biophys Res Commun 292(2):390-5 (2002).
	CN	Werder <i>et al.</i> , "Role of scavenger receptors SR-BI and CD36 in selective sterol uptake in the small intestine" Biochemistry 40(38):11643-50 (2001).
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